

# Converting Colors

Android(4286463987)

Have a look what the booklet for  
Android(4286463987) contains.

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**Color**

**Android(4286463987)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7E3FF3
RGB	126, 63, 243
RGB Percent	49%, 25%, 95%
CMY	0.5059, 0.7529, 0.0471
CMYK	0.48, 0.74, 0.00, 0.05
HSL	261°, 88%, 60%
HSV	261°, 74%, 95%
XYZ	26.5594, 14.4617, 86.1856
YIQ	102.3570, -20.2320, 69.3360

# Conversions

## Conversions Part 2

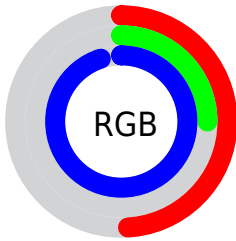
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	126, 63, 243
Decimal	8273907
CIE Lab	44.89, 64.44, -80.03
CIE LCh	45, 102.746, 308.841
Yxy	14.4617, 0.2088, 0.1137
Android (android.graphics.Color)	4286463987 (0xFF7E3FF3)
YUV	102.3570, 69.3370, 20.7349
Hunter-Lab	38.0285, 58.1155, -107.7513

# Details

The Android color `4286463987` is a dark color, and the websafe version is hex `9933FF`. The color can be described as middle washed purple. A complement of this color would be `4290048831`, and the grayscale version is `4284900966`.

A 20% lighter version of the original color is `4290475519`, and `4282122425` is the 20% darker color. If you saturate the color by 10%, you get `4285409267`, and if you desaturate by 10%, it is `4287518707`.

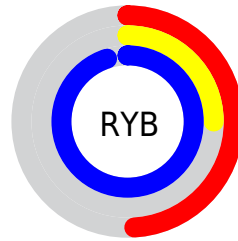
# Distribution



Red (49%)

Green (25%)

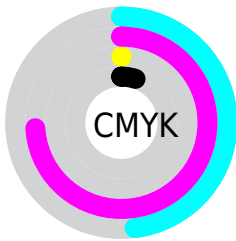
Blue (95%)



Red (49%)

Yellow (25%)

Blue (95%)

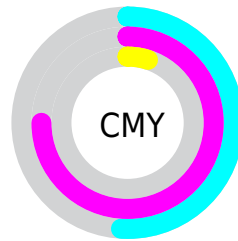


Cyan (48%)

Magenta (74%)

Yellow (0%)

Black (5%)



Cyan (51%)

Magenta (75%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286463987 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4286463987 by changing the saturation by 10% instead.



 4286463987

 4286463987

4294967295

 4284359638

 4290475519

 4282122425

 4292514047

 4278255774

 4294552575

 4278190211

 4294953215

 4278190184

 4294960639

 4278192719

 4278191415

 4278190625

 4278190085

■ 4286463987

■ 4286463987

■ 4285409267

■ 4287518707

■ 4284354291

■ 4288573683

■ 4283760883

■ 4289562867

■ 4290617587

■ 4291672307

■ 4292727283

■ 4293782003

■ 4294770675

■ 4294967283

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4278219007



4286463987



4292608170

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4286463987



4289809664



4278225283

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4286463987



4290048831

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4278224420



4286463987



4285231104

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4286463987



4293001216



4278222848



4278225622

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4286463987



4294115442



4278222848



4278224997



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4286463987



4292593663



4282365171



4285161088



4278190080



4286611584



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4286463987



4285209855



4292362227



4285689466



4282450106



4279566395



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4294131636



4294909104



4284150591



4286213750



4290379897

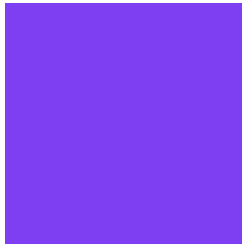


4282056742



# Previews

## White Background



This preview shows how the Android color 4286463987 looks on a white background.

## Color Contrast Check

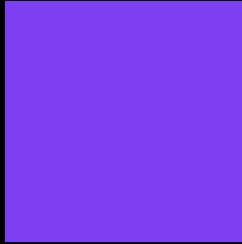
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4286463987 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

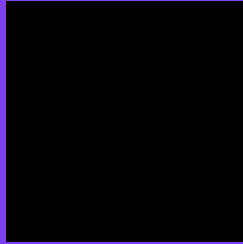
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4286463987 Background



This preview shows how black text looks on a background with the Android color 4286463987.



This preview shows how white text looks on a background with the Android color 4286463987.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**

4286463987

**Protanopia**

4278216408

**Deuteranopia**

4278218170



# Trichromacy



**Original Color**

4286463987



**Protanomaly**

4281227490



**Deuteranomaly**

4281228495



**Tritanomaly**

4285029539

# Monochromacy



**Original Color**

4286463987



**Achromatopsia**

4284900966



**Achromatomaly**

4285487257

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286463987 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(126, 63, 243)` looks like.

```
.text, #text, p{  
    color:rgb(126, 63, 243)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(126, 63, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 63, 243) }
```

## Border

The CSS property to change the border of an element to Android 4286463987 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(126, 63, 243) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(126, 63, 243) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(126, 63, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 63, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 63, 243);  
box-shadow:4px 4px 4px 4px rgb(126, 63,  
243) }
```

# Background

The CSS property to change the background color of an element to Android 4286463987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 63, 243) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(126, 63,  
243) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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